

REMARKS

Claims 1, 7, 19-21, 29-31, and 37-38 have been amended to clarify the subject matter regarded as the invention. Claims 1-4, 5-38 are pending.

The Examiner has rejected claims 1-4 and 6-37 under 35 U.S.C. 102(a) as being anticipated by Demsey et al.

The rejection is respectfully traversed. With respect to claims 1, 19, 20, 21, 29, and 30, Demsey does not disclose “a memory pool that is shared by a plurality of processes, wherein the memory pool includes committed memory and uncommitted memory”. Demsey’s invention is directed at a virtual machine environment operating on portable devices with limited resources ([0005]). In Demsey, each application domain manages code pools and garbage collection pools ([0005]). During run time, the JIT compiler generates native code that is stored in one of the code pools. The garbage collector is responsible for releasing garbage collection pools and code pools. ([0028]). During garbage collection, garbage collection pools are cleared, and generated code within the code pools are “pitched” (meaning that the memory storing the generated code is released back to the system memory heap and becomes available for re-allocation). ([0006], [0034]). According to Demsey, “unlike prior memory management systems for dynamically generated code, the present invention does not keep the generated code in the memory until the application is terminated. Instead, the present invention manages the memory used for native code and for instance variables in combination.” ([0034]). Thus, Demsey’s application domain, garbage collection pools, as well as code pools do not involve committed memory. Since Demsey does not teach a memory pool that includes committed memory, Demsey also does not teach “assign(ing) to each of the plurality of processes a corresponding amount of committed memory from the memory pool.” As such, claims 1, 19, 20, 21, 29, and 30 are believed to be allowable.

Claims 2-4, and 6-18 depend from claim 1, and claims 22-28 depend from claim 21. They are believed to be allowable for the same reasons described above.

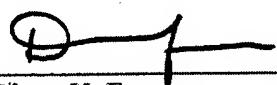
Similarly, with respect to claims 31, 37, and 38, Demsey does not teach a memory pool that is shared by a plurality of processes, wherein the memory pool includes committed memory and uncommitted memory. As such, claims 31, 37, and 38 are believed to be allowable.

Claims 32-36 depend from claim 31, and are believed to be allowable for the same reasons described above.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,

Dated: 4/1/04



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